Power Bead Inductors - MHC1075-D29 Series

Meisongbei



Features

- Soldered construction for low radiation
- High performance (Isat) with low noise

Package

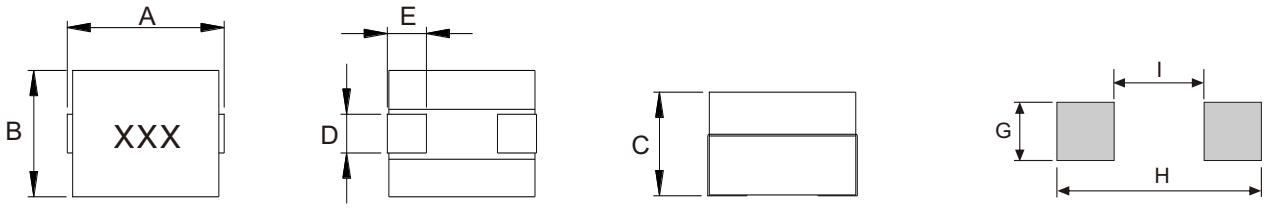
- 640PCS/Reel

General Specifications

- Storage temp range: -40°C to +125°C
- Operating temp range: -40°C to +125°C
- Moisture Sensitivity Level(MSL): 1

RoHS COMPLIANT | REACH COMPLIANT | Halogen Free

Dimensions & Configurations (Unit:mm)



Type	A	B	C	D	E	G	I	H
MHC1075-D29	10.3 ± 0.5	7.0 ± 0.5	7.2 ± 0.5	1.7 ± 0.2	2.7 ± 0.5	2.00	4.00	11.00

Electrical Characteristics For MHC1075-D29 Series

Part Number	Inductance [nH]	DCR [mΩ]	1-Isat@25°C (typ.) [A]	2-Isat@100°C (typ.) [A]	Irms(typ.) [A]
MHC1075-R10K-D29	100 ±10%	0.29 ±5%	100	85	55
MHC1075-R12K-D29	120 ±10%	0.29 ±5%	90	72	55
MHC1075-R15L-D29	150 ±15%	0.29 ±5%	70	56	55
MHC1075-R17L-D29	170 ±15%	0.29 ±5%	66	54	55
MHC1075-R18L-D29	180 ±15%	0.29 ±5%	63	52	55
MHC1075-R20L-D29	200 ±15%	0.29 ±5%	50	42	55
MHC1075-R22L-D29	220 ±15%	0.29 ±5%	46	37	55
MHC1075-R30M-D29	300 ±20%	0.29 ±5%	35	28	55
MHC1075-R40M-D29	400 ±20%	0.29 ±5%	25	20	55
MHC1075-R51M-D29	510 ±20%	0.29 ±5%	18	14.5	55

- Inductance tested at 100kHz, 1Vrms
- Heat Rating Current (Irms): Current that cause the temperature 40°C
- Saturation Current (Isat): DC current at which the inductance drops 20% from its value without current
- All test data is referenced to 25°C ambient. 2-Isat Saturation current test data is referenced to 100°C